

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Mark J. RATAIN et al.

Serial No.: 10/591,484

Filed: September 1, 2006

For: METHODS AND COMPOSITIONS
RELATING TO THE
PHARMACOGENETICS OF DIFFERENT
GENE VARIANTS

Group Art Unit: 3662

Examiner: Unknown

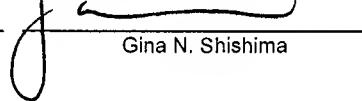
Atty. Dkt. No.: ARCD:405US

Confirmation No.: 9362

CERTIFICATE OF ELECTRONIC TRANSMISSION

I hereby certify that this correspondence is being
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June 14, 2007
Date

Gina N. Shishima

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully
requested that this Information Disclosure Statement be entered and the documents listed on
attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the
listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the
Examiner.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/ARCD:405US.

This application may be related by inventorship and subject matter to U.S. application numbers:

08/423,641, filed April 17, 1995, issued as U.S. Patent No. 5,786,344;
09/251,274, filed February 16, 1999, under reexam as U.S. application no. 90/007,601;
09/553,829, filed April 21, 2000, now abandoned;
09/835,082, filed April 12, 2001, now abandoned;
10/057,834, filed January 25, 2002, now abandoned;
10/061,693, filed February 1, 2002, issued as U.S. Patent No. 6,472,157;
10/277,160, filed October 21, 2002, now abandoned;
10/591,228, filed August 31, 2006;
10/558,510, filed October 23, 2006;
10/751,606, filed January 5, 2004;

11/561,341, filed November 17, 2006.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Date: June 14, 2007

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| Form PTO-1449 (modified) | | Atty. Docket No. ARCD:405US | Serial No. 10/591,484 |
| List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | Applicant Mark J. RATAIN <i>et al.</i> | |
| | | Filing Date: September 1, 2006 | Group: 3662 |
| U.S. Patent Documents <i>See Page 1</i> | Foreign Patent Documents <i>See Page 1</i> | Other Art <i>See Pages 1-5</i> | |

U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|----------|-------------------------|-------|-----------|---------------------|
| | A1 | 09/553,829 | 4/21/00 | Ratain <i>et al.</i> | 514 | 9 | 4/21/00 |
| | A2 | 2002-0016293 | 2/7/02 | Ratain <i>et al.</i> | 514 | 9 | 4/12/01 |
| | A3 | 2003-0099960 | 5/29/03 | Ratain <i>et al.</i> | 435 | 6 | 1/25/02 |
| | A4 | 2003-0152968 | 8/14/03 | Di Rienzo <i>et al.</i> | 435 | 6 | 10/21/02 |
| | A5 | 2004/0203034 | 10/14/04 | Ratain <i>et al.</i> | 435 | 6 | 1/5/04 |
| | A6 | 2007-0092902 | 4/26/07 | Di Rienzo <i>et al.</i> | 435 | 6 | 11/17/06 |
| | A7 | 5,786,344 | 7/28/98 | Ratain and Gupta | 514 | 100 | 4/17/95 |
| | A8 | 6,395,481 | 5/28/02 | Di Rienzo <i>et al.</i> | 435 | 6 | 2/16/99 |
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| | A10 | 6,472,157 | 10/29/02 | Di Rienzo <i>et al.</i> | 435 | 6 | 2/1/02 |

Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Country | Language |
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| | | WO 2005/085473 | 9/15/05 | WIPO | English |
| | | WO 2004/108954 | 12/16/04 | WIPO | English |

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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| | C2 | Araki <i>et al.</i> , "Relationship between development of diarrhea and the concentration of SN-38, an active metabolite of CPT-11, in the intestine and the blood plasma of athymic mice following intraperitoneal administration of CPT-11," <i>Jpn. J. Cancer Res.</i> , 84:697-702, 1993. |

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EXAMINER:

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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| | C7 | Bosma <i>et al.</i> , "The genetic basis of the reduced expression of bilirubin UDP-glucuronosyltransferase 1 in Gilbert's syndrome," <i>N. Eng. J. Med.</i> , 333:1171-1175, 1995. |
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| | C26 | Monaghan <i>et al.</i> , "Genetic variation in bilirubin UDP-glucuronosyltransferase gene promoter and Gilbert's syndrome," <i>Lancet</i> , 347:578-581, 1996. |
| | C27 | Negoro <i>et al.</i> , "Phase I study of weekly intravenous infusions of CPT-11, a new derivative of camptothecin, in the treatment of advanced non-small-cell lung cancer," <i>J. Natl. Cancer Inst.</i> , 83(16):1164-1168, 1991. |
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| | C35 | Suzuki and Sugiyama, "Excretion of GSSG and glutathione conjugates mediated by MRP1 and cMOAT/MRP2," <i>Semin. Liver. Dis.</i> 18:359-376, 1998. |
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| | C37 | Suzuki <i>et al.</i> , "Transporters for bile acids and organic anions," in: G.L. Amidon, W. Sadee (eds.), <i>Membrane Transporters as Drug Targets</i> , Kluwer Academic/Plenum Publishers, New York, 1999. |
| | C38 | Takasuna <i>et al.</i> , "Study on the mechanisms of diarrhea induced by a new anticancer camptothecin derivative, irinotecan hydrochloride (CPT-11), in rats," <i>Nippon Yakurigaku Zasshi</i> , 105(6):447-460, 1995. |
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| | C40 | Vanhoefer <i>et al.</i> , "Irinotecan in the treatment of colorectal cancer: clinical overview," <i>J. Clin. Oncol.</i> , 19(5):1501-18, 2001. |

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